


FORM PTO-1449 (Modified) (Rev. 7-80)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. SNUS-00125		Serial No. 08/896821	
 INFORMATION DISCLOSURE CITATION				Applicant(s) Quay, Steven C.			
				Filing Date 07/18/97		Group 1616	
U.S. PATENT DOCUMENTS							
Examine Initials		Document Number	Date	Name	Class	Sub- Class	Filing Date
	AA	3,615,972	10/26/71	MOREHOUSE, ET AL	156	79	04/28/67
	AB	3,650,831	03/21/72	JUNGERMANN, ET AL	134	27	03/10/69
	AC	3,968,203	07/06/76	SPITZER, ET AL	42	47	08/26/69
	AD	4,027,007	05/31/77	MESSINA			03/13/73
	AE	4,725,442	02/16/88	HAYNES			02/16/88
	AF	5,350,571	09/27/94	KAUFMAN, ET AL			02/24/92
	*AG	5,393,524	02/28/95	QUAY			06/04/93
	*AH	5,406,950	04/18/95	BRANDENBURGER, ET AL	128	662.02	12/23/93
	AI	5,409,688	04/25/95	QUAY			06/05/92
	*AJ	5,413,774	05/09/95	SCHNEIDER, ET AL			12/16/92
	*AK	5,425,366	06/20/95	REINHARDT, ET AL			06/07/93
	*AL	5,445,813	08/29/95	SCHNEIDER, ET AL			10/12/93
	*AM	5,487,390	02/13/96	COHEN, ET AL			09/01/94
	*AN	5,508,021	04/16/96	GRINSTAFF, ET AL			10/19/94
	*AO	5,512,268	04/30/96	GRINSTAFF, ET AL			06/06/95
	*AP	5,529,766	06/25/96	KLAVENESS, ET AL			03/28/92
	*AQ	5,531,980	07/02/96	SCHNEIDER, ET AL	424	9.52	09/30/94
	*AR	5,536,489	07/16/96	LOHRMANN, ET AL			05/12/95
	*AS	5,547,656	08/20/96	UNGER			05/24/95
	*AT	5,552,133	09/03/96	LAMBERT, ET AL			08/12/94
	*AU	5,556,610	09/17/96	YAN, ET AL			11/30/94
	AV	5,558,094	09/24/96	QUAY			02/01/95
	AW	5,558,853	09/24/96	QUAY			01/19/94
	AX	5,558,854	09/24/96	QUAY			01/30/95
	AY	5,558,855	09/24/96	QUAY			01/25/93
	*AZ	5,558,856	09/24/96	KLAVENESS, ET AL			01/09/92
	*BA	5,558,857	09/24/96	KLAVENESS, ET AL			06/03/91
	*BB	5,560,364	10/01/96	PORTER	128	662.02	05/12/95
	*BC	5,562,893	10/08/96	LOHRMANN			08/02/94

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Patent and Trademark OfficeAtty Docket No.
SNUS-00125Serial No.
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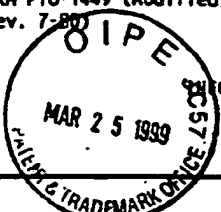
Applicant(s)
Guay, Steven C.Filing Date
07/18/97Group
1616

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Examiner Initials	Document Number	Date	Name	Class	Sub- Class	Filing Date
*BD	5,567,413	10/22/96	KLAVENESS, ET AL			06/06/95
*BE	5,567,414	10/22/96	SCHNEIDER, ET AL			06/01/95
*BF	5,567,415	10/22/96	PORTER			06/01/94
*BG	5,571,497	11/05/96	UNGER			06/06/95
*BH	5,578,291	11/26/96	PORTER			09/06/94
*BI	5,578,292	11/26/96	SCHNEIDER, ET AL			01/30/95
*BJ	5,597,549	01/28/97	SCHNEIDER, ET AL			03/31/95
*BK	5,599,523	02/04/97	BELLER, ET AL			11/22/94
*BL	5,605,673	02/25/97	SCHUTT, ET AL			08/01/94
*BM	5,606,973	03/04/97	LAMBERT, ET AL			06/07/95
*BN	5,611,344	03/18/97	BERNSTEIN, ET AL			03/05/96
*BO	5,614,169	03/25/97	KLAVENESS, ET AL			06/02/95
*BP	5,618,514	04/08/97	SCHRODER, ET AL			12/22/94
*BQ	5,626,833	05/06/97	SCHUTT, ET AL			06/07/95
*BR	5,637,289	06/10/97	KLAVENESS, ET AL			01/08/93
*BS	5,639,443	06/17/97	SCHUTT, ET AL			03/16/95
*BT	5,643,553	07/01/97	SCHNEIDER, ET AL			09/26/95
*BU	5,658,551	08/19/97	SCHNEIDER, ET AL			06/01/95

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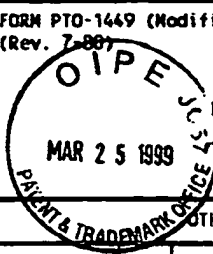
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	*BV	1,044,680	10/05/66	United Kingdom	C08	F47		X
	BW	JP 2-35727	08/13/90	Japan	A61K	49/00	X	
	BX	WO 90/07500	07/12/90	Patent Cooperation Treaty	C07D	207/277		X
	BY	WO 92/11873	07/23/92	Patent Cooperation Treaty			X	
	BZ	WO 92/22298	12/23/92	Patent Cooperation Treaty				X
	*CA	WO 94/06477	03/31/94	Patent Cooperation Treaty				X
	CB	WO 94/09625	05/11/94	Patent Cooperation Treaty				X


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DATE CONSIDERED: _____

FORM PTO-1449 (Modified) (Rev. 7-88)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. SNUS-00125	Serial No. 08/896821
 INFORMATION DISCLOSURE CITATION				Applicant(s) Quay, Steven C.	
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, etc.)					
*CC	Barnhart, et al., CHARACTERISTICS OF ALBUNEX: AIR-FILLED MICROSPHERES FOR ECHOCARDIOGRAPHY CONTRAST ENHANCEMENT, Investigative Radiology, Vol. 25, Suppl. 1				
CD	Carlton, FLUOROCARBON TOXICITY: AEROSOL DEATHS AND ANAESTHETIC REACTIONS, Ann. of Clinical and Laboratory Science 6(5), pp. 411-14 (1978)				
CE	Clark, et al., CAN FLUOROCARBON EMULSIONS BE USED AS ARTIFICIAL BLOOD?, Triangle 11(4):115-22 (1972)				
CF	Codon, et al., INTRAOCULAR PRESSURE RESPONSE AFTER PNEUMATIC RETINOPEXY, Ophthalmic Surgery 19(9):667-69 (1988)				
CG	Ericksen, et al., METHYLCELLULOSE, Handbook of Pharmaceutical Excipients, American Pharmaceutical Association & Pharmaceutical Society of Great Britain, pp. 181-83 (1986)				
*CH	Feinstein, MYOCARDIAL PERFUSION IMAGING: CONTRAST ECHOCARDIOGRAPHY TODAY AND TOMORROW, JACC 8(1):251-53 (1986)				
*CI	Gardner, et al., A SURVEY OF INTRAOCULAR GAS USE IN NORTH AMERICA, Arch. Ophthalmol. 106:1188-89 (1988)				
*CJ	Hilpert, CONTRAST AGENTS IN DIAGNOSTIC ULTRASOUND, Diagnostic Ultrasound (Mosby Year Book) 1:30-42 (1991)				
*CK	Keller, et al., THE BEHAVIOR OF SONICATED ALBUMIN MICROBUBBLES WITHIN THE MICROCIRCULATION: A BASIS FOR THEIR USE DURING MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY, Circulation Research, University of Virginia, School of Medicine, 65(2):458-67 (1989)				
CL	Keller, et al., ULTRASOUND BACKSCATTER CHARACTERISTICS OF SONICATED ECHO CONTRAST AGENTS, Circulation, Abstracts Of The 58th Scientific Sessions 72(4):111-427 (1985)				
*CM	Levene, et al., CHARACTERIZATION OF ALBUNEX, J. Acoust. Soc. Am. 67:569-70 (1990)				
*CN	Lincoff, et al., PERFLUORO-N-BUTANE: A GAS FOR A MAXIMUM DURATION RETINAL TAMPONADE, Arch. Ophthalmol. 101:460-62 (1983)				
CO	Mattrey, et al., LIVER AND SPLEEN SPECIFIC ULTRASOUND CONTRAST MATERIAL, Investigative Radiology 17(4):S28, Abstract 110 (1982)				
*CP	THE MERCK INDEX, 11th Edition, Merck & Co., Inc. publishers, pp. 297 and 1643 (1989)				
CO	Robertson, et al., BEYOND PARTITION COEFFICIENTS - INDIVIDUAL PROPERTIES OF INFUSED INERT GASES INFLUENCING THEIR ELIMINATION FROM THE LUNG, Prog. Resp. Res. 21:177-81 (1986)				
*CR	Rosecan, et al., THERAPEUTIC ULTRASOUND IN THE TREATMENT OF RETINAL DETACHMENT: CLINICAL OBSERVATIONS AND LIGHT AND ELECTRON MICROSCOPY, Retina 5(2):115-22 (1985)				
*CS	Sakata, et al., ACUTE TOXICITY OF FLUOROCARBON-22: TOXIC SYMPTOMS, LETHAL CONCENTRATION, AND ITS FATE IN RABBIT AND MOUSE, Toxicology and Applied Pharmacology 59:64-70 (1981)				
CT	Sass, et al., GAS EMBOLISM DUE TO INTRAVENOUS FC 80 LIQUID FLUOROCARBON, J. Appl. Phys. 40(5):745-51 (1976)				
*CU	Schneider, et al., POLYMERIC MICROBALLOONS AS ULTRASOUND CONTRAST AGENTS: PHYSICAL AND ULTRASONIC PROPERTIES COMPARED WITH SONICATED ALBUMIN, Investigative Radiology 27(2):134-39 (1992)				
*CV	Serratrice, et al., CO-SOLUBILISATION DE FLUOROCARBURES ET D'EAU EN PRESENCE DE NOUVEAUX TENSIOACTIFS NON IONIQUES FLUORES, J. Chim. Phys. 87:1969-80 (1990)				
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 INFORMATION DISCLOSURE CITATION				Applicant(s) Guay, Steven C.	
				Filing Date 07/18/97	Group 1616
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	CX	Unger, et al., NITROGEN-FILLED LIPOSOMES AS A VASCULAR US CONTRAST AGENT: PRELIMINARY EVALUATION, Radiology 185(2):453-56 (1992)			
	*CY	Wheatley, et al., CONTRAST AGENTS FOR DIAGNOSTIC ULTRASOUND: DEVELOPMENT AND EVALUATION OF POLYMER-COATED MICROBUBBLES, Biomaterial 11:713-717 (1990)			
	*CZ	Whitacre, B-SCAN ULTRASONOGRAPHY OF EYES CONTAINING INTRAVITREAL GAS, Am. J. Ophthalmol.: Series 3, 112(3):272-77 (1991)			
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DATE CONSIDERED: _____



PATENT

Sheet 1 of 1

FORM PTO-1449 (Modified)
(Rev. 7-80)

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Patent and Trademark Office

Atty Docket No.
SHUS-125 (I)

Appln. No.
08/896,821

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant(s)
Steven C. Quay

Filing Date
July 18, 1997

Group
1616

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*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	4,985,550	01/15/91	Charpiot et al.	536	18:4	07/28/87
	AB	5,711,933	01/27/98	Bichon et al.	424	9.52	08/10/94

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*Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation YES NO
	AC						

OTHER DOCUMENTS

	AD	

Examiner

Date Considered

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.